

Paper Paperboard & Wood Pulp

A2500-2

MONTHLY STATISTICAL SUMMARY - Vol. 67 No. 11

NOVEMBER 1989

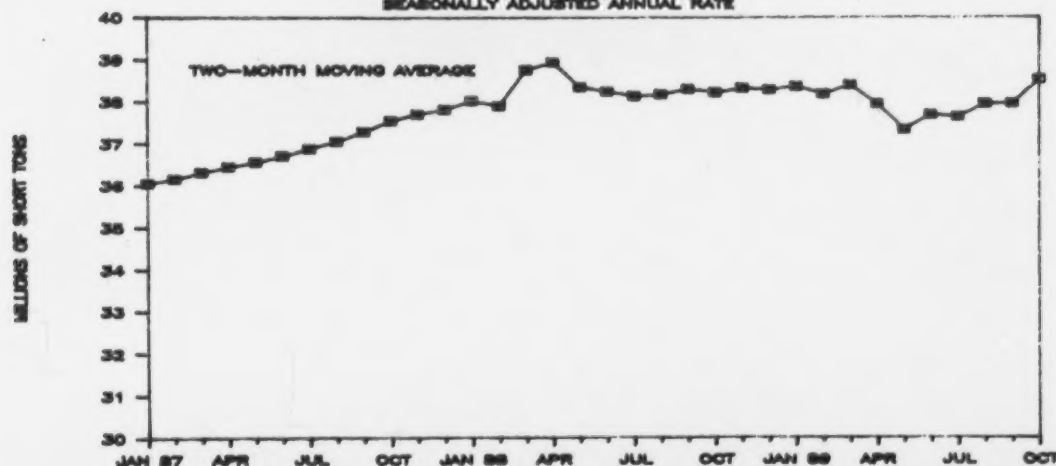
PAPER AND PAPERBOARD PRODUCTION REMAINS STRONG

Production of paper and paperboard in October moved to the high side of the range it has held to since the beginning of 1988, pointing 1989 total output to last year's record high of 76.4 million tons. The strength was centered on the paper grades, which had been restrained through the first half of 1989 by reduction of white paper inventories in the hands of users. This inventory correction was completed by mid-year, and production of paper has since trended upward.

Much of this recent strength has been offset by an easing in paperboard production, which had been fairly strong in the first eight months of 1989. Partly the result of scheduled shutdowns for maintenance and repair at several mills, it is also possible that paperboard users have begun to adjust their inventories of paperboard and packaged goods, putting additional negative pressures on current production rates. To date, inventories of paperboard at mills and plants have shown little change during 1989. Containerboard inventories at mills and plants were equivalent to 4.9 weeks of supply as of the end of October 1989, compared to 5.0 weeks one year earlier.

Paper: Largely completed by mid-year, inventory adjustments by white paper users were followed by a recovery in shipments of these papers from domestic mills. The October 1989 printing-writing paper shipments total of 1,916,000 tons was second only to the March 1988 spike of 1,938,000 tons.

PAPER PRODUCTION
SEASONALLY ADJUSTED ANNUAL RATE



The pattern of easing followed by recovery during the course of 1989 shows up clearly in the chart of paper production on the bottom of Page 1. This chart traces the seasonally-adjusted rate of paper production from January 1987 to October 1989 as measured by a two-month moving average. This chart also highlights the rise in production in 1987 and its stability throughout 1988.

The impact of inventory adjustments was perhaps strongest in the coated paper grades. In the first 7 months of 1989 shipments of these papers averaged 581,000 tons per month; in the subsequent three months the shipments level jumped 10% to a record-high three-month average of 638,000 tons per month. Much of this strength was centered on shipments to magazine publishers and commercial printers; the October 1989 shipments of coated papers to printers established a new monthly high. Imports of coated papers were also affected by inventory adjustments, although they held at their first half level during the third quarter. The January-September import total was down 8% from its corresponding year-ago level.

Shipments of uncoated free sheet papers also recovered from their first-half lows during the July-October period, but the year-to-date total was still 2% below its corresponding year-ago figure. With the exception of reprographics, shipments to the major markets were also down from 1988. The cut-size computer papers, currently a growth market, are included in the reprographics totals.

Uncoated groundwood papers have shown the strongest trends among the printing-writing paper grades, with the 10-month 1989 shipments total up 8% from 1988. Shipments to all their major markets were ahead of year-ago rates, with the largest gain reported in shipments to commercial printers. Imports, as reported by API's Printing-Writing Division, which account for more than half the total new supply, were down 5% from their year-ago rates. The API data are based on shipments to the United States as reported by the Canadian Pulp and Paper Association, which include some tonnage counted by the U.S. Bureau of Census as newsprint.

Among the other paper grades, newsprint and tissue papers are both reporting production rates above their corresponding 1988 levels. The year-to-date shipments for the packaging grades were down from their year-ago levels, reflecting lower totals in demand for bag and sack papers. However, shipments of these bag and sack papers in the April-October 1989 period were 1.3% ahead of their comparable 1988 figures, an encouraging sign.

Paperboard: Total paperboard production has been easing in recent months, primarily reflecting the trends in the

PAPER AND PAPERBOARD STATISTICS

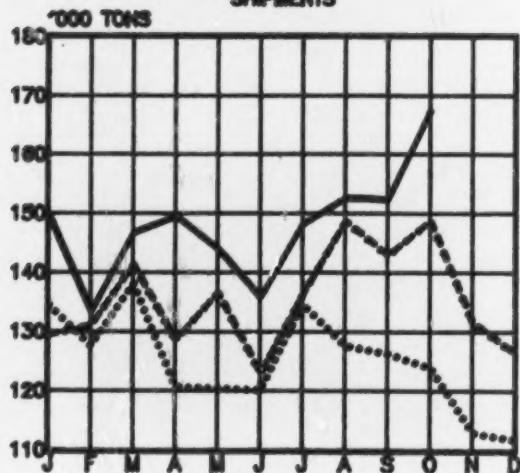
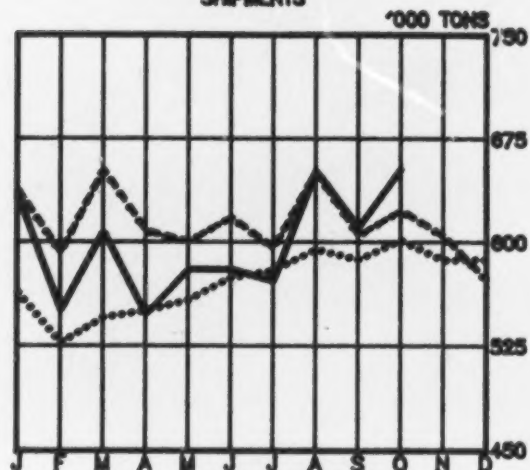
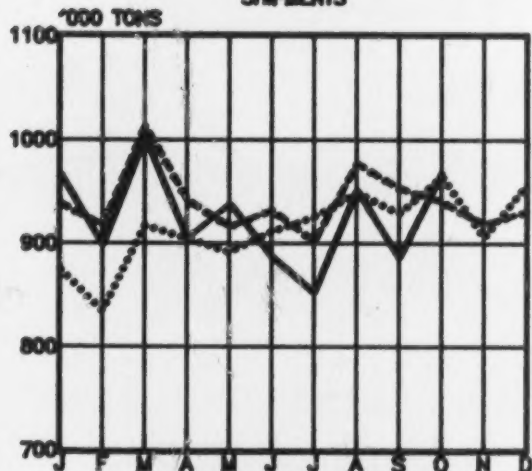
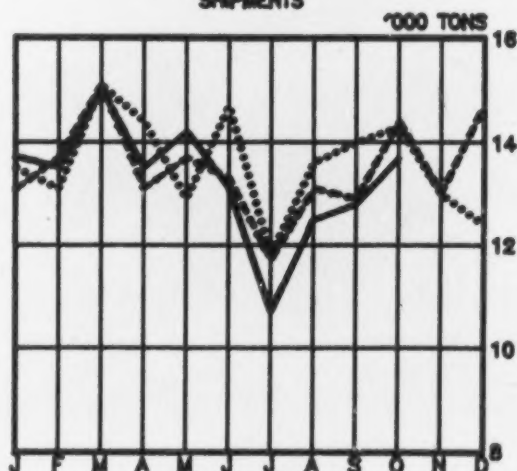
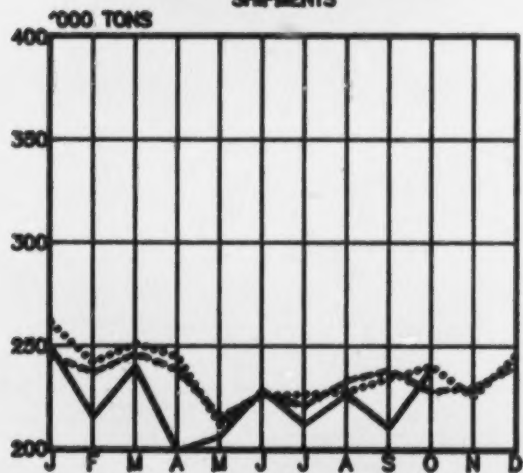
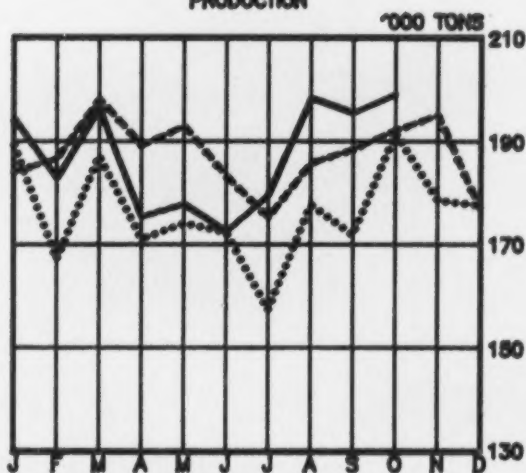
PRODUCTION SHIPMENTS AND ORDERS
(Thousands of Short Tons)

	YEAR		JULY	AUGUST	SEPTEMBER	OCTOBER	Annual	% Change
	1987	1988	1989	1989	1989	1989	Rate	From same
					(R)	(P)	Y T D	Period
							1989	Last Year
PAPER								
Newsprint Production	5,842	5,982	522	510	517	526	6,048	1.3
- Shipments	5,854	5,969	521	517	518	526	6,024	1.6
Printing & Writing Sum	20,778	21,793	1,695	1,804	1,772	1,916	21,580	-1.4
Groundwood Paper - Shipments	1,498	1,624	148	153	152	167	1,774	8.2
New Orders	1,542	1,654	151	168	177	151	1,805	10.5
Unfilled Orders	166	208	191	219	238	212	212	22.4
Coated Papers Shipments	6,860	7,359	572	651	610	653	7,181	-3.2
- New Orders	7,066	7,412	650	658	633	672	7,345	-2.3
- Unfilled Orders	708	751	824	849	875	884	884	16.9
Unctd Free Sheet - Shipments	10,966	11,277	852	952	885	968	11,100	-1.9
- New Orders	11,173	11,298	868	1,031	963	1,011	11,227	-0.8
- Unfilled Orders	772	790	613	713	791	816	816	10.7
Thin Papers Shipments	240	217	15	16	16	15	194	-10.0
Cotton Fiber Paper - Shipments	163	167	11	12	13	14	159	-4.1
Bleached Bristols Production	1,052	1,150	98	100	95	100	1,173	2.4
Tissue Paper - Production	5,301	5,476	458	484	473	489	5,643	2.7
Total Packaging & Other Paper	4,955	5,047	391	425	406	438	4,915	-2.6
Unbl. Kraft Paper - Shipments RS	2,840	2,800	212	227	210	239	2,670	-4.5
Other Paper Production RS	2,115	2,247	179	198	195	199	2,245	-0.2
TOTAL PAPER Production Unadj.	36,876	38,298	3,067	3,302	3,168	3,369	38,186	-0.6
Production S.A.			3,150	3,173	3,151	3,288	38,074	-0.6
PAPERBOARD - PRODUCTION								
Solid Wood Pulp Furnish	28,859	29,316	2,577	2,585	2,408	2,477	29,864	1.6
Total Unbl. Kraft Paperboard	18,898	19,140	1,688	1,701	1,596	1,624	19,622	2.1
Unbl. Kraft Linerboard (1)	17,683	17,897	1,568	1,572	1,495	1,512	18,286	1.7
Production for Export	2,303	2,296	214	182	174	202	2,354	1.3
Other Unbl. Kraft Paperboard	1,215	1,244	119	129	101	112	1,336	7.3
Semichemical Paperboard	5,536	5,664	479	488	461	475	5,700	1.1
Production for Export	193	136	10	10	8	17	142	4.7
Solid Bleached Paperboard	4,406	4,511	410	396	351	378	4,543	0.6
Production for Export	619	628	54	59	51	64	568	6.8
Recycled Paperboard	8,601	8,789	682	725	691	759	8,681	-2.2
Production for Export	75	72	2	3	1	3	32	-57.5
TOTAL PAPERBOARD Prod -Unadj.	37,442	38,105	3,259	3,311	3,100	3,236	38,545	0.7
- Containerboard Prod.(Dom. Use)	23,025	23,563	2,024	2,075	1,966	1,970	23,878	1.1
- Boxboard Prod.(Dom. Use)	6,969	7,066	614	623	559	590	7,143	0.8
All Other P bd Prod.(D.U.)	4,262	4,344	340	358	340	389	4,328	-1.7
- Total Paperbd Prod. for Export	3,190	3,132	281	253	235	286	3,196	1.1
TOTAL PAPERBOARD PROD S.A.			3,252	3,183	3,130	3,196	38,470	0.7
TOTAL PAPER AND PAPERBOARD								
Production - Unadj.	74,318	76,403	6,326	6,613	6,267	6,605	76,732	0.1
Production - S.A.			6,402	6,356	6,281	6,484	76,544	0.1

RS - Revised Series

(1)Includes all exports of kraft paperboard.

R - Revised P - Preliminary S.A. - Seasonally Adjusted

GROUNDWOOD PAPER, UNCOATED
SHIPMENTSCOATED PAPER
SHIPMENTSUNCOATED FREE SHEET PAPERS
SHIPMENTSCOTTON FIBER PAPER
SHIPMENTSUNBLEACHED KRAFT PACKAGING
AND INDUSTRIAL CONVERTING PAPER
SHIPMENTSOTHER PAPER
PRODUCTION

1987 1988 ----- 1989 ———

WOOD PULP STATISTICS
(Thousands of Tons)

	YEAR		JUNE	JULY	AUGUST	SEPTEMBER	Annual	% Change
	1987	1988	1989	1989	1989	1989	Rate	from same
							Y-T D	Period
							1989	Last Year
TOTAL WOOD PULP					R	P		
Total Wood Pulp - Production	59,552	61,161	5,102	5,399	5,301	5,070	62,328	2.0
- Imports	4,850	5,038 A	389	358	471	428	5,037	0.4
- Exports	4,889	5,528	562	540	534	548	6,398	16.6
- New Supply	59,513	60,671	4,930	5,217	5,238	4,951	60,967	0.6
Dissolving Pulp - Production	1,312	1,367	102	144	108	135	1,434	4.5
- Imports	198	248	32	13	28	27	291	22.9
- Exports	752	865	79	62	81	61	835	-0.5
- New Supply	757	751	55	95	55	102	890	15.6
Paper Grades - Production	48,293	49,493	4,167	4,377	4,322	4,069	50,550	2.2
Chemical Pulp - Imports	4,456	4,419 A	326	328	400	365	4,414	-0.1
- Exports	4,111	4,612	474	472	441	484	5,483	19.2
- New Supply	48,637	49,300	4,019	4,233	4,281	3,951	49,481	0.4
Groundwood and Thermo-Mech. - Production	5,702	5,943	480	510	511	505	5,966	0.4
- Imports	197	371 A	31	17	43	36	331	-8.2
- Exports	26	51	8	6	11	3	79	67.9
- New Supply	5,872	6,263	502	521	543	538	6,218	-0.6
Semi-Chemical - Production	4,246	4,358	353	368	350	361	4,377	0.9
- Imports								
- Exports								
- New Supply	4,246	4,358	353	368	359	361	4,377	0.9
MARKET WOOD PULP								
Total Market - Production	8,114	8,565	739	761	757	719	8,867	3.2
Wood Pulp - Imports	3,235	3,471	267	284	261	292	3,356	-3.2
- Exports	4,820	5,071	505	446	487	439	5,460	7.9
- New Supply	6,529	6,966	501	599	531	572	6,763	-3.4
Dissolving Pulp - Production	1,308	1,365	101	144	108	134	1,427	4.2
- Imports	154	206	27	7	23	21	215	2.8
- Exports	775	798	84	51	75	76	823	4.3
- New Supply	687	774	45	99	56	80	819	3.7
Paper Grades - Production	6,806	7,200	638	617	649	585	7,439	3.0
Chemical Pulp - Imports	2,975	3,126	237	276	236	265	3,085	-0.4
- Exports	4,045	4,273	422	395	412	363	4,636	8.5
- New Supply	5,736	6,052	453	498	472	487	5,888	-2.7
Groundwood Pulp and All Other - Production	0	0	0	0	0	0	0	0.0
- Imports RS	106	139	3	2	3	5	56	-64.6
- Exports	0	0	0	0	0	0	0	0.0
- New Supply	106	139	3	2	3	5	56	-64.6

SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports - Department of Commerce.

NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

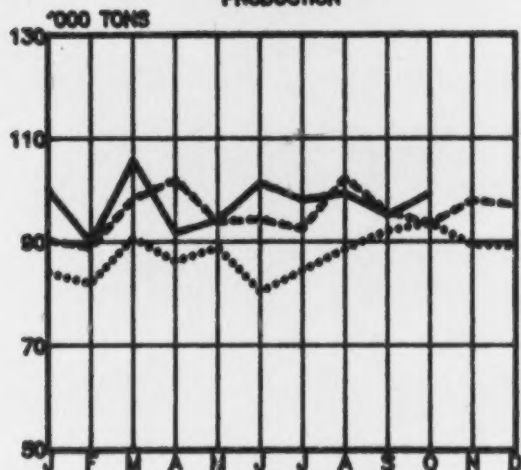
FIBROUS RAW MATERIALS
(Thousands of tons)

	YEAR		JUNE	JULY	AUGUST	SEPTEMBER	Annual	% Change
	1987	1988	1989	1989	1989	1989	Rate	from same
							Y-T D	Period
							1989	Last Year
CONSUMPTION AT PAPER & PAPERBOARD MILLS					R	P		
Total	77,468	79,707	6,576	6,786	6,888	6,587	80,446	1.1
Total Wood Pulp	59,474	60,847	4,985	5,207	5,239	4,997	61,402	1.1
Waste Paper	17,993	18,860	1,591	1,579	1,649	1,590	19,043	0.9
INVENTORIES								
Chemical Paper Grade Market Pulp								
Producers' Own-Use Inventories	170	172	164	191	193	205	205	3.4
Producers' Market Inventories	224	261	300	320	353	364	364	33.9
Consumers' Purchased Inventories	529	622	588	573	591	590	590	-6.1
Waste Paper at Paper & Bd. Mills	902	1,029	1,037	1,007	1,053	1,028	1,028	5.4
Days of Supply at Pulp Mills of Chemical Paper Grade Mkt Pulp	12	14	15	16	17	19	19	35.7

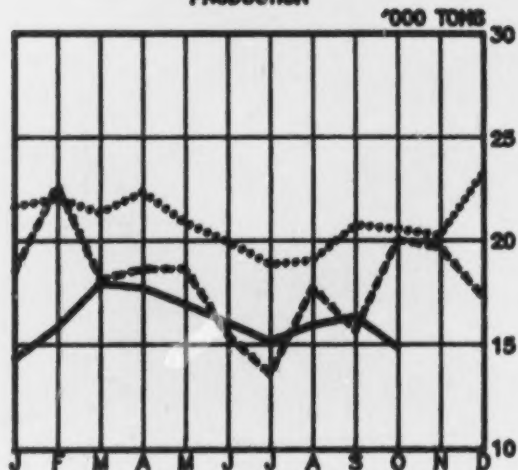
SOURCES: Wood Pulp Data, Pulp Division, Pulp, Materials and Technology Group, API. Waste Paper Data, Paper Recycling Committee, API. # Includes all grades of wood pulp.

P - Preliminary; R - Revised; (0) - Indicates zero to five-hundred short tons RS - 1988 Revised Series

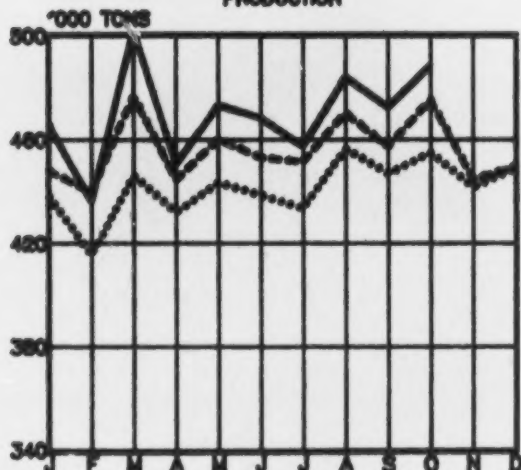
BLEACHED BRISTOLS PRODUCTION



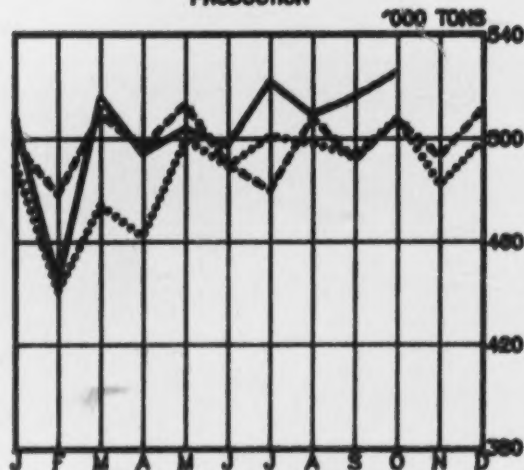
THIN PAPER PRODUCTION



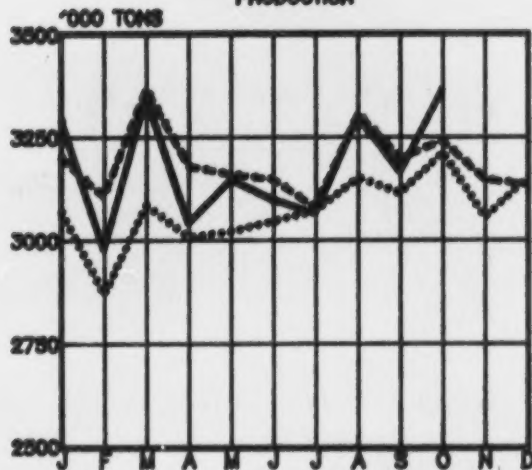
TISSUE PAPER PRODUCTION



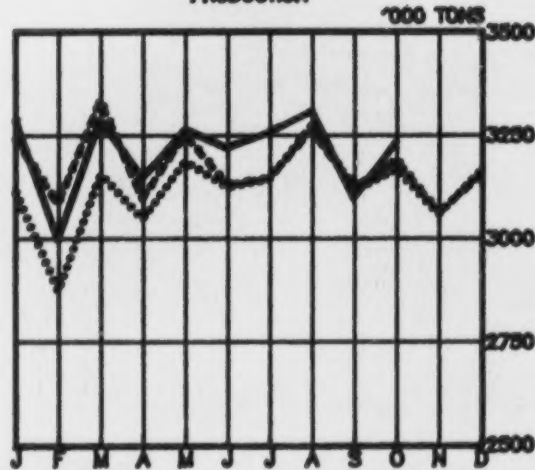
NEWSPRINT PRODUCTION



TOTAL PAPER PRODUCTION



TOTAL PAPERBOARD PRODUCTION



1987 1988

-----1989

—————

F I B R O U S R A W M A T E R I A L S
(Thousands of Standard (128 cubic foot) Cords)

		(Thousands of Standard (128 cubic foot) Cords)						Annual	% Change
		YEAR		JUNE	JULY	AUGUST	SEPTEMBER	Rate	From Same
		1987	1988	1989	1989	1989	1989	Y T-D	Period
								1989	Last Year
PULPWOOD									
Total U.S.	- Total Receipts	94,312	95,537	8,358	8,476	8,946	8,491	99,143	4.7
	- Total Consumpt	93,946	95,497	8,348	8,548	8,498	8,167	98,769	3.6
	- Residues *	32,899	33,186	2,939	2,989	2,983	2,845	34,400	4.3
	- Inventories	5,096	4,888	4,343	4,191	4,415	4,891	4,891	9.1
So. Atlantic	- Total Receipts	31,147	31,582	2,616	2,719	2,778	2,804	32,131	3.1
	- Total Consumpt	30,915	31,567	2,697	2,814	2,684	2,782	32,517	3.5
	- Residues *	9,553	9,897	801	884	849	821	9,931	2.3
	- Inventories	1,211	1,200	911	811	889	956	956	-8.8
Northeast	- Total Receipts	6,941	7,187	584	590	628	585	7,201	2.4
	- Total Consumpt	7,109	7,216	549	579	598	583	7,157	-1.7
	- Residues *	1,543	1,664	126	97	146	126	1,623	-0.2
	- Inventories	594	572	441	444	453	444	444	-7.9
South Central	- Total Receipts	33,650	33,751	2,981	2,913	3,355	3,119	35,559	6.3
	- Total Consumpt	33,059	33,646	3,074	3,050	3,212	3,020	35,768	6.7
	- Residues *	9,992	9,890	850	823	926	884	10,348	5.2
	- Inventories	1,294	1,160	857	739	958	1,055	1,055	2.4
North Central	- Total Receipts	6,552	6,865	598	582	640	602	6,996	0.5
	- Total Consumpt	6,764	6,929	593	565	594	531	6,944	-0.4
	- Residues *	1,263	1,334	107	96	106	116	1,368	-1.2
	- Inventories	830	839	768	779	829	899	899	9.0
West	- Total Receipts	16,022	16,152	1,579	1,672	1,545	1,381	17,256	7.2
	- Total Consumpt	16,099	16,139	1,435	1,540	1,410	1,251	16,383	1.6
	- Residues *	10,548	10,401	1,055	1,089	946	898	11,131	6.7
	- Inventories	1,167	1,117	1,366	1,418	1,286	1,537	1,537	39.9

* - Consumption of Residues in Cord Equivalents.

SOURCE: American Pulpwood Association

20 Nov 89

U N I T E D S T A T E S T R A D E W I T H C A N A D A

IMPORTS FROM CANADA

		YEAR		AUGUST	AUGUST	SEPTEMBER	SEPTEMBER	Annual	% Change
		1988	1988	1989	1989	1989	1989	Y-T-D 1989	From same Period Last Year
		Tons	(\$000 s)	Tons	(\$000)	Tons	(\$000)	Tons	
Pulpwood, Roundwood (in cords of 128 cubic feet)		39,337	4,195	20,495	326	48,389	850	168,228	255.9
Pulpwood chips		876,038	35,184	74,945	2,587	69,292	2,356	861,355	0.2
Wood Pulp, Total	A	4,340,245	2,282,329	429,515	258,141	359,576	214,348	4,371,017	1.9
Waste Fibrous Materials, Total		227,004	48,450	13,104	2,025	13,368	2,450	170,845	-28.8
Paper, Board & Products, Total	A	10,497,185	5,715,612	1,053,939	590,378	897,599	493,893	10,910,754	1.3
Paper, Paperboard, Wet Machine Bd. & Constr. Paper & Bd.	A	10,348,278	5,458,084	1,038,473	559,851	882,456	466,904	10,732,990	1.0
Paper, Paperboard & Products	A	10,281,277	5,649,813	1,040,425	586,871	885,652	490,881	10,749,091	1.9
Paper & Paperboard, Only	A	10,134,369	5,392,286	1,024,960	556,343	870,510	463,895	10,571,328	1.6
Paper, Total	A	9,869,253	5,295,796	981,793	539,224	838,225	451,481	10,151,944	0.1
Newsprint		8,284,709	4,320,023	767,226	394,548	651,514	330,110	7,997,571	-6.3
Printing, Writing & Rel. Pap.	A	1,304,003	807,306	181,956	120,450	160,443	102,423	1,842,695	39.6
Pack. & Ind. Conv. Paper		227,493	120,765	21,312	11,941	17,625	9,903	211,454	-11.1
Special Industrial Paper		4,767	9,106	6,190	7,599	4,366	5,219	44,783	862.9
Tissue Paper		48,281	38,596	5,109	4,686	4,278	3,824	55,442	10.3
Paperboard, Total		265,116	96,490	43,167	17,119	32,284	12,414	419,384	58.9
Convtd Papers/Paperbd Products		148,908	257,528	15,466	30,528	15,142	26,988	177,763	21.8
Wet Machine Board		2,939	2,120	8	8	4	3	273	-91.1
Construction Paper & Board		210,970	63,679	13,505	3,501	11,942	3,007	161,389	-23.7

NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

EXPORTS TO CANADA

		YEAR		AUGUST	AUGUST	SEPTEMBER	SEPTEMBER	Annual	% Change
		1988	1988	1989	1989	1989	1989	Y-T-D 1989	From same Period Last Year
		Tons	(\$000 s)	Tons	(\$000)	Tons	(\$000)	Tons	
Pulpwood, Roundwood (in cords of 128 cubic feet)		14,180	836	11,409	218	22,582	280	79,560	350.4
Pulpwood chips		33,040	1,739	7,060	332	2,476	113	33,079	-18.6
Wood Pulp, Total		280,674	101,214	47,201	18,049	40,860	18,173	357,726	29.4
Cotton Pulp & Other Pulp		84,891	24,062	399	242	414	349	6,096	-92.2
Waste Paper		331,999	38,199	27,704	3,987	20,646	3,242	303,133	-10.5
Paper, Board & Products, Total		1,050,117	715,960	107,092	71,307	101,250	68,667	1,057,301	-3.7
Paper, Paperboard, Wet Machine Bd. & Constr. Paper & Bd.		773,973	464,416	73,997	47,046	68,165	43,587	734,067	-9.9
Paper, Paperboard & Products		1,013,157	699,127	104,940	70,575	98,573	67,813	1,035,965	-2.5
Paper & Paperboard, Only		737,013	447,583	71,846	46,315	65,488	42,733	712,730	-8.5
Paper, Total		340,156	293,175	36,227	31,615	32,920	29,528	361,927	3.5
Newsprint		5,806	5,304	1,616	1,192	710	413	8,917	68.8
Printing, Writing & Rel. Pap.		166,467	160,007	20,923	20,647	20,593	20,928	223,584	29.5
Pack. & Ind. Conv. Paper		41,718	29,572	6,690	2,525	6,256	2,445	57,582	42.7
Special Industrial Paper		118,806	90,276	6,104	6,292	4,595	4,918	64,559	-48.1
Tissue Paper		7,160	8,016	895	959	766	824	7,284	5.5
Paperboard, Total		396,857	154,408	35,619	14,700	32,568	13,205	350,803	-18.4
Convtd Papers/Paperbd Products		276,145	251,544	33,095	24,261	33,085	25,080	323,234	14.2
Wet Machine Board		6,527	2,590	21	8	80	30	2,048	-71.0
Construction Paper & Board		30,433	14,243	2,131	724	2,597	824	19,289	-32.0

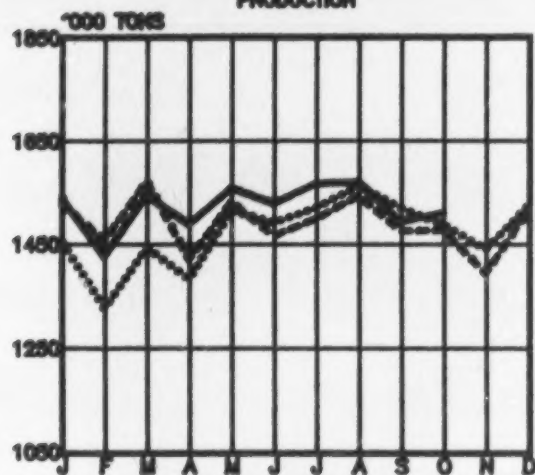
SOURCE: Bureau of Census, Department of Commerce.

E - Estimate of tonnage based on square foot data

20-Nov-89

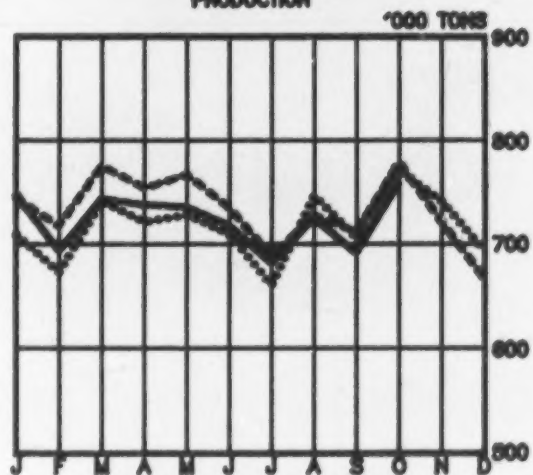
UNBLEACHED KRAFT LINERBOARD

PRODUCTION



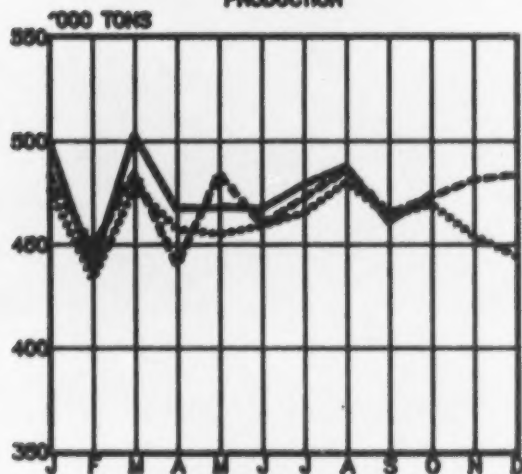
RECYCLED PAPERBOARD

PRODUCTION



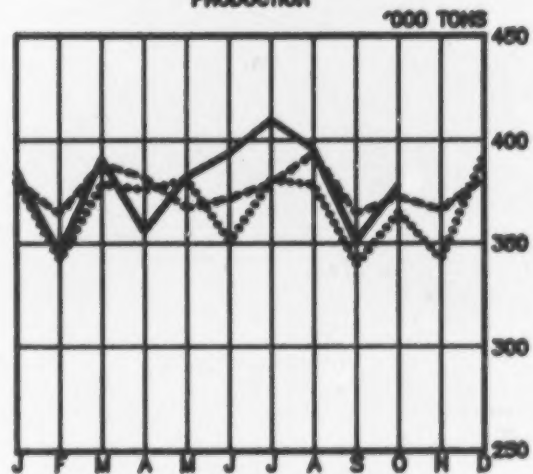
SEMICHEMICAL PAPERBOARD

PRODUCTION



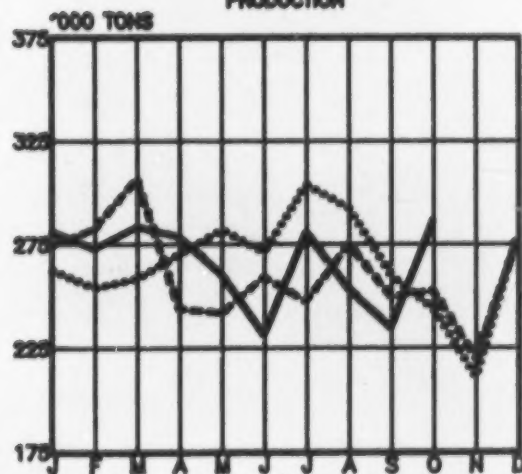
SOLID BLEACHED PAPERBOARD

PRODUCTION



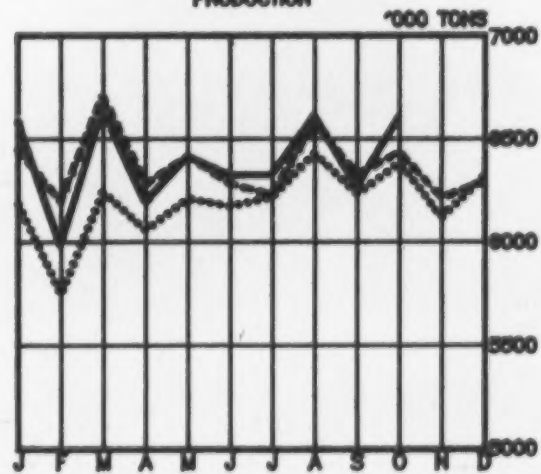
PAPERBOARD FOR EXPORT

PRODUCTION



TOTAL PAPER AND PAPERBOARD

PRODUCTION



1987 1988

-----1989

—————

PULP PAPER AND PAPERBOARD IMPORTS AND EXPORTS DATA

Page 9

IMPORTS

		1988		1989		1989		(1) Annual Rate YTD 1989	% Change from same Period Last Year
		Tons	\$000	Tons	\$000	Tons	\$000		
Pulpwood Roundwood (cords)		39,515	4,200	20,495	326	48,389	850	168,228	255.9
Pulpwood Chips		888,636	35,553	75,004	2,593	69,344	2,381	878,829	0.5
Total All Imports	A	18,402,259	10,725,164	1,711,680	1,070,874	1,516,455	934,514	18,282,361	-1.1
Wood Pulp Total	A	5,038,158	2,663,424	471,208	285,005	428,471	258,616	5,036,605	0.4
Waste Paper		161,367	27,361	12,367	1,900	13,149	2,472	182,445	8.0
Other Fibrous Materials		92,505	32,331	906	283	467	188	13,137	-86.0
Paper Board & Products Total	A	13,110,229	8,002,047	1,227,199	783,686	1,074,367	673,239	13,050,174	-1.2
Paper Paperboard Wet Machine Bd. & Construction Paper & Board	A	12,679,974	6,989,006	1,178,769	680,489	1,035,627	585,891	12,507,986	-2.2
Paper Ppbd & Prds ex Cnstr&WB	A	12,787,784	7,893,637	1,210,479	779,038	1,060,926	669,537	12,849,091	-0.3
Paper & Paperboard Only	A	12,357,530	6,880,596	1,162,048	675,841	1,022,187	582,189	12,306,903	-1.3
Paper Total	A	12,016,519	6,749,882	1,103,960	647,117	981,874	561,988	11,762,394	-3.0
Newsprint	A	8,801,503	4,569,853	787,106	403,251	681,142	341,404	8,047,572	-7.3
Printing & Writing	A	2,812,259	1,899,745	268,710	191,449	256,588	176,763	3,047,412	6.5
Uncoated Groundwood		1,362,642	792,881	126,982	78,348	151,276	90,641	1,604,545	12.6
Coated Print. & Impreg. Pap.	A	797,765	641,466	76,211	59,826	55,941	46,044	746,826	-7.9
Uncoated Free Sheet	A	591,830	414,326	57,627	43,981	40,898	31,004	573,773	2.2
Uncoated Book	A	258,146	175,746	N.L.R.	N.L.R.	N.L.R.	N.L.R.	N.L.R.	N.L.R.
Writing and Similar Paper	A	333,683	238,580	57,627	43,981	40,898	31,004	573,773	85.6
Thin (except Cigarette)		55,774	48,804	3,975	4,320	3,177	3,094	63,828	8.4
Bristols		4,247	2,269	3,915	4,973	5,297	5,980	58,440	982.5
Total Pkg & Other Paper		343,196	231,796	39,171	42,220	33,781	34,284	389,105	11.5
Unbleached Kraft Paper		161,708	76,116	22,691	11,430	19,532	9,816	230,904	35.3
Other Pkg. & Indust. Paper		181,488	155,680	16,480	30,790	14,249	24,468	158,201	-11.2
Tissue		59,561	48,488	10,973	10,197	10,364	9,537	118,305	83.4
Paperboard, Total		341,011	130,714	56,088	28,724	40,313	20,202	544,509	60.9
Test or Containerboard		85,682	36,145	11,189	4,303	5,609	2,466	85,070	6.5
Semi-Chemical Corrugating		142,490	43,596	9,530	2,867	8,478	2,462	125,695	-14.6
Other Paperboard		112,839	50,972	35,369	21,554	26,226	15,274	333,743	199.5
Convtd Paper&Paperbd Products		430,255	1,013,041	48,431	103,197	38,740	87,347	542,188	29.2
Paper Products, Total		393,089	944,974	40,468	86,115	31,511	73,034	446,287	16.5
Paperboard Products, Total		37,166	68,067	7,962	17,082	7,229	14,314	95,901	161.4
Wet machine Board		4,239	3,780	45	44	52	35	583	-86.8
Construction Paper & Board		318,206	104,630	16,676	4,605	13,389	3,667	200,501	-16.0
Notes									
Other: No Weight Avail. (\$000)			177,686		13,411		-12,925	137,080	-23.4
Total Imports Incl. Other(\$000)			10,902,850		1,084,285		947,439	11,462,612	5.8

NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

EXPORTS

		1988		1989		1989		(1) Annual Rate YTD 1989	% Change from same Period Last Year
		Tons	\$000	Tons	\$000	Tons	\$000		
Pulpwood Roundwood (cords)		15,470	894	19,801	322	26,505	329	164,271	770.8
Pulpwood Chips		3,503,100	296,191	377,430	33,665	389,974	38,817	4,474,462	21.9
Total All Exports		17,061,208	7,467,363	1,834,569	750,374	1,555,194	742,197	18,971,978	12.0
Wood Pulp Total		5,528,292	2,914,521	533,551	309,827	547,847	318,213	6,397,564	16.6
Cotton Pulp and Other Pulp		201,567	111,923	9,027	7,510	10,496	9,022	119,489	-39.7
Waste and Old Paper		5,640,138	888,258	529,215	63,945	468,618	55,550	6,121,526	11.1
Paper, Board & Products Total		5,691,231	3,752,661	562,777	369,093	528,234	359,611	6,333,397	10.3
Paper, Paperboard, Wet Machine Bd. & Construction Paper & Board		4,876,563	2,701,405	472,945	255,061	440,701	250,314	5,285,067	7.4
Paper, Ppbd & Prod ex Cnstr&WB		5,559,356	3,683,601	559,642	367,892	524,928	358,494	6,296,911	12.3
Paper & Paperboard, Only		4,744,688	2,632,346	469,810	253,869	437,395	249,197	5,248,582	9.7
Paper Total		1,102,490	888,031	131,676	101,647	136,853	105,816	1,511,405	41.7
Newsprint		427,296	295,474	61,523	31,440	62,899	33,580	662,387	70.8
Printing & Writing		287,208	313,047	40,514	39,183	42,661	40,983	480,439	69.0
Uncoated Groundwood		70,286	58,639	7,862	5,882	7,199	5,277	91,820	40.1
Clay Coated Paper		97,464	79,731	13,761	10,642	15,721	11,807	166,019	64.4
Uncoated Free Sheet		82,660	124,049	8,970	11,645	10,465	13,587	96,408	16.0
Other Printing & Writing		36,799	50,629	9,922	11,013	9,276	10,312	126,191	264.1
Total Pkg. & Other Paper		346,718	342,117	28,110	29,124	29,262	28,736	346,161	-0.5
Unbleached Kraft		110,075	54,975	11,354	4,854	14,589	7,198	125,510	19.7
Other Pkg. & Indust. Paper		236,643	287,142	16,756	24,268	14,677	21,539	220,643	-9.2
Tissue		41,268	37,393	1,530	1,920	2,030	2,516	22,418	-52.1
Paperboard, Total		3,642,198	1,644,314	338,133	152,194	300,542	143,381	3,737,177	0.5
Solid Wood Pulp		3,359,078	1,511,057	324,227	145,363	281,086	134,817	3,547,234	3.5
Total Linerboard		2,281,362	887,846	237,400	85,943	184,018	68,705	2,489,259	7.1
Bleached Kraft Linerboard		140,801	73,728	36,644	15,426	17,312	8,580	271,037	105.9
Unbleached Kraft Linerbd		2,140,562	814,119	200,755	70,517	166,706	60,125	2,218,222	1.2
Other Unbleached Kraft		292,437	102,638	17,116	8,053	20,781	8,864	241,550	-26.9
Other Bleached Kraft		742,918	502,513	68,745	49,713	71,600	55,236	785,379	7.6
Semi-Chemical Corrugating		42,360	18,060	2,966	1,654	4,687	2,012	31,046	-29.6
Recycled Paperboard		283,121	133,257	13,907	6,831	19,456	8,564	189,943	-34.7
Convtd Paper&Paperbd Products		814,668	1,051,256	89,832	114,031	87,533	109,297	1,048,330	28.0
Paper Products, Total		367,548	682,281	41,341	73,574	42,751	73,468	480,758	32.5
Paperboard Products, Total		447,121	368,975	48,491	40,457	44,783	35,829	567,571	24.4
Wet Machine Board		11,691	4,915	53	48	373	151	3,430	-71.5
Construction Paper & Board		120,184	64,145	3,082	1,153	2,933	956	33,056	-73.0
Notes									
Other: No Weight Avail. (\$000)			9,170		2,026		2,326	23,560	160.6
Total Exports Incl. Other(\$000)			7,476,533		752,400		744,722	8,781,203	18.3

SOURCE: Bureau of Census, U.S. Department of Commerce. E - Incl. estim. of tonnage based on square foot data.

(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description. N.L.R. - No longer reported.

PRODUCER PRICE INDEXES
1982 = 100

	1987	1988	JULY 1989	AUGUST 1989	SEPTEMBER 1989	OCTOBER 1989	Annual Rate Y T D 1989	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	114.3	124.8	132.8	132.9	132.9	133.6	132.3	6.6
Pulp Paper & Products, ex. Build ing Grades & ex Waste Paper *	113.2	123.8	132.4	132.5	132.4	133.2	131.8	7.2
Total Wood Pulp	111.5	136.7	159.4	159.5	159.5	160.8	156.9	16.3
Total Paper	111.5	123.2	130.3	129.6	129.1	128.6	130.0	6.2
Total Paper, exc. Newsprint	110.6	123.4	131.2	130.1	129.9	129.3	131.0	7.1
Newsprint	112.3	127.6	123.6	122.6	120.1	118.8	123.6	-3.2
Total Paperboard	118.1	133.2	140.2	140.3	140.3	140.0	140.3	5.9
Total Paper and Paperboard *	113.6	126.4	133.4	133.0	132.6	132.2	133.2	6.1
Converted Products	114.7	123.0	132.0	132.2	132.4	134.0	131.2	7.3
Waste Paper	101.4	103.6	155.3	157.3	160.1	158.3	158.1	-15.7
All Commodities	102.8	106.9	112.7	112.0	112.3	112.7	112.1	5.2
Industrial Commodities	102.6	106.3	112.2	111.4	111.9	112.4	111.5	5.2

SOURCE: Producer Price Indexes Bureau of Labor Statistics, U.S. Department of Labor * Computed by API

HOURLY COMPENSATION COSTS FOR PRODUCTION WORKERS IN NATIONAL CURRENCY
PAPER AND ALLIED PRODUCTS MANUFACTURING (US SIC 26)

1975 AND 1978-88

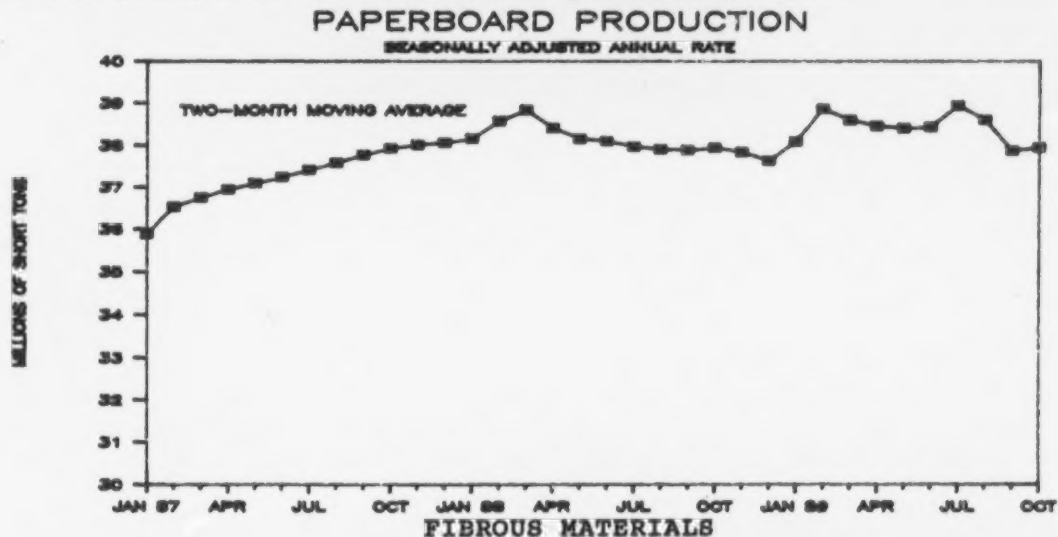
COUNTRY OR AREA	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
UNITED STATES	6.52	8.74	9.64	10.65	11.77	12.85	13.73	14.32	14.95	15.42	15.77	16.16
CANADA	7.35	10.37	11.27	12.30	14.26	15.98	17.43	18.21	19.19	20.13	20.81	21.67
BRAZIL	7	26	41	78	164	341	732	2154	7972			
ISRAEL	1.34	4.12	7.60	17.84	42.48	94.36	244.10	1139.49	4.03	6.78	9.03	11.27
JAPAN	985	1207	1269	1324	1408	1526	1541	1640	1668	1680	1725	1757
KOREA	211	536	785	748	865	989	1102	1119	1262	1391	1591	1956
SINGAPORE	1.51	2.13	2.51	2.97	3.62	4.03	4.70	5.42	5.62	5.52	5.64	6.19
TAIWAN	16.88	27.84	34.08	42.03	49.03	59.42	59.88	69.77	67.71	72.37	77.68	85.95
AUSTRIA	81.60	106.89	112.90	119.78	129.71	137.21	146.37	153.78	162.42	169.13	180.09	194.79
BELGIUM	238.08	316.85	343.73	377.34	416.14	435.56	464.37	505.13	536.42	560.43	580.85	
DENMARK	37.29	53.04	58.93	66.60	73.59	81.14	88.16	92.76	95.68	98.99	110.24	119.78
FRANCE	21.48	31.19	36.12	41.84	47.49	54.78	61.83	66.79	70.79	76.33	79.93	86.41
GERMANY	13.91	18.13	19.19	20.72	21.96	23.17	23.81	24.82	25.60	26.41	27.99	29.26
GREECE	31	100	125	159	195	273	343	436	517	572	625	
IRELAND	1.40	2.12	2.60	3.14	3.90	4.36	4.88	5.41	5.73	6.23	6.46	6.90
ITALY	3439	5782	6747	7655	8927	10571	12407	13766	15195	15913	17084	18148
NETHERLANDS	18.12	23.22	24.53	25.02	25.64	27.01	27.74	29.01	31.40	33.32	33.98	
PORTUGAL	46.18	84.16	104.10	131.40	154.57	184.16	232.77	284.48	378.31	449.79		
SPAIN		294	378	494	525	626	699	813	897	981	1056	
SWEDEN	31.93	48.02	53.87	58.79	65.94	69.82	75.30	85.94	94.30	101.75	110.17	117.82
SWITZERLAND	14.78	16.32	16.94	17.82	19.44	20.81	21.75	22.55	23.48	24.72	25.70	26.36
UNITED KINGDOM	1.53	2.22	2.80	3.34	3.67	4.17	4.48	4.81	5.17	5.55	5.95	6.46

SOURCE: U.S. BUREAU OF LABOR STATISTICS, AUGUST 1989.

containerboard grades. Kraft paperboard production, for example, reached an all-time monthly high of 1,701,000 tons in August, but then dropped 75,000 tons to its October level of 1,624,000 tons. Some of this decline reflected downtime taken for scheduled maintenance and repair. Production of unbleached kraft linerboard for export has held up, with a 1.3% year-to-date gain.

The boxboard grades have moved along a somewhat flatter trend, reflecting a steady demand for the packaging grades. Production of the non-packaging grades, including gypsum wallboard facing and panelboard in particular, are running behind their 1988 totals.

The strength in total paperboard production during the first 8 months of 1989 and subsequent easing in the next two months are pictured on the chart below. This chart also shows the uptrend in production in 1987 and the relative stability of the production trend evident in the last three quarters of 1988.



Production of chemical paper grade market pulp has also eased since mid-year. However, the 10-month 1988 totals for both production and exports remain above their year-ago levels, with production up 2.6% and exports up 8%. Mill inventories were 39% above their year-ago level as of the end of October 1989, equivalent to 20 days of supply. The year-to-year tonnage gain was 107,000 short tons. Export shipments in October 1988 were still above year-ago levels, with year-to-date gains of 8% reported in shipments to Western Europe and 25% to Japan. Year-to-date shipments to the domestic market were down 7%.

Data on fibrous materials consumption at paper and paperboard mills in 1989 indicate that the use of wood pulp and waste paper each rose about 1% from their respective 1988 totals. Inventories of waste paper at paper and paperboard mills remained flat.

HOURLY COMPENSATION FOR PRODUCTION WORKERS IN PAPER AND ALLIED PRODUCTS MANUFACTURING 22 COUNTRIES, 1975, 1978-1988

The Bureau of Labor Statistics recently released data on hourly compensation costs for production workers in the paper and allied products industries in 22 countries for the years 1975 and 1978-1988. The data are reported from three different viewpoints: compensation in terms of national currency; in terms of U.S. dollars; and the ratio of the costs in U.S. dollars to U.S. compensation costs.

Measured in U.S. dollars, the trends were, of course, influenced by changes in the exchange rate between U.S. dollars and the national currency. The impact of these changes in the years since 1985, the peak year of the international value of the dollar, was particularly large. In Sweden, for example, a 25% increase in compensation costs in national currency translated into a 75% increase in costs in U.S. dollar terms. This brought Swedish compensation costs to a level that was 19% above those in the U.S.

In Japan, a 5% increase in compensation costs in local currency in the 1985-1988 period translated into a 96% increase in U.S. dollar costs. Even with that increase, the 1988 level of compensation costs in the Japanese paper industry in terms of U.S. dollars was still 15% below that of the U.S. industry, compared to 47% below U.S. compensation costs in 1985.

The 1987-1988 data showed a similar pattern. Costs in Canada, for example, rose 4.1% increase in terms of local currency and 12.1% in terms of U.S. dollars. In Sweden the gain in national currency from 1987 to 1988 was 6.9%; in U.S. dollars 10.6%. Similar data for Japan show a 1.9% gain in local currency and a 14.9% increase in U.S. dollars.

The table below presents the data on hourly compensation costs for production workers in terms of U.S. dollars. The table on the bottom of page 10 shows the data in terms of national currencies.

HOURLY COMPENSATION COSTS FOR PRODUCTION WORKERS IN U.S. DOLLARS
PAPER AND ALLIED PRODUCTS MANUFACTURING (US SIC 26)

1975 AND 1978-88

COUNTRY OR AREA	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
UNITED STATES	6.52	8.74	9.64	10.65	11.77	12.85	13.73	14.32	14.95	15.42	15.77	16.16
CANADA	7.22	9.10	9.63	10.53	11.89	12.88	14.15	14.06	14.05	14.49	15.70	17.40
BRAZIL	.87	1.41	1.52	1.48	1.76	1.90	1.27	1.17	1.29			
ISRAEL	2.10	2.36	2.99	3.48	3.72	3.89	4.34	3.89	3.42	4.56	5.66	7.05
JAPAN	3.32	5.79	5.81	5.87	6.40	6.13	6.48	6.91	6.99	9.97	11.93	13.71
KOREA	.44	1.11	1.46	1.23	1.27	1.35	1.42	1.39	1.45	1.58	1.93	2.67
SINGAPORE	.64	.94	1.15	1.39	1.72	1.89	2.22	2.54	2.55	2.53	2.68	3.08
TAIWAN	.44	.75	.95	1.17	1.33	1.52	1.49	1.76	1.70	1.91	2.44	3.01
AUSTRIA	4.69	7.37	8.44	9.26	8.16	8.04	8.15	7.69	7.85	11.08	14.24	15.76
BELGIUM	6.49	10.08	11.72	12.92	11.24	9.51	9.08	8.75	9.04	12.55	15.55	
DENMARK	6.50	9.63	11.20	11.83	10.36	9.72	9.64	8.96	9.03	12.23	16.10	17.77
FRANCE	5.02	6.93	8.49	9.91	8.78	8.33	8.11	7.65	7.88	11.02	13.30	14.50
GERMANY	5.67	9.04	10.47	11.41	9.74	9.54	9.32	8.72	8.70	12.17	15.57	16.66
GREECE	1.59	2.71	3.38	3.72	3.57	4.08	3.90	3.87	3.74	4.09	4.61	
IRELAND	3.12	4.07	5.32	6.46	6.29	6.20	6.09	5.87	6.11	8.36	9.62	10.52
ITALY	5.27	6.81	8.12	8.95	7.89	7.81	8.17	7.84	7.96	10.67	13.17	13.94
NETHERLANDS	7.18	10.74	12.23	12.60	10.31	10.11	9.72	9.04	9.46	13.61	16.77	
PORTUGAL	1.81	1.92	2.13	2.63	2.52	2.30	2.09	1.93	2.20	3.00		
SPAIN		3.84	5.63	6.90	5.71	5.68	4.87	5.06	5.28	7.01	8.55	
SWEDEN	7.71	10.63	12.56	13.90	13.10	11.11	9.82	10.39	10.96	14.28	17.36	19.20
SWITZERLAND	5.73	9.18	10.19	10.64	9.92	10.24	10.35	9.39	9.56	13.75	17.23	18.81
UNITED KINGDOM	3.39	4.25	5.95	7.76	7.43	7.30	6.79	6.42	6.71	8.15	9.75	11.51

INDUSTRY FACT SHEET

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

November 30, 1989

*	PRODUCTION (000 TONS)					
	(P) OCTOBER 1989	* SEPTEMBER 1989	* OCTOBER 1988	* FIRST 10 MONTHS 1989	* MONTHS 1988	% CHANGE YR TO DATE 1989/1988
PAPER GRADES						
Newsprint	526	517	508	5,040	4,977	1.3
Printing & Writing	1,916	1,772	1,840	17,983	18,248	-1.4
Uncoated Groundwood (s)	167	152	149	1,478	1,366	8.2
Coated Paper (s)	653	610	623	5,984	6,182	-3.2
Uncoated Free Sheet Paper (s)	968	885	940	9,250	9,428	-1.9
Thin Paper (s)	15	16	20	162	180	-10.0
Cotton Fiber Paper (s)	14	13	15	133	138	-4.1
Bleached Bristols (s)	100	95	94	977	954	2.4
Tissue Paper	489	473	476	4,703	4,581	2.7
Total Pkg & Other Paper	438	406	420	4,096	4,205	-2.6
Unbl. Kraft Paper (s)	239	210	228	2,225	2,330	-4.5
Other Paper	199	195	192	1,871	1,875	-0.2
TOTAL PAPER	3,369	3,168	3,244	31,822	32,011	-0.6
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,624	1,596	1,568	16,351	16,023	2.1
Unbleached Kraft Linerboard	1,512	1,495	1,479	15,238	14,985	1.7
Other Unbl. Kraft Paperboard	112	101	90	1,113	1,037	7.3
Semichemical Paperboard	475	461	473	4,750	4,698	1.1
Bleached Paperboard	378	351	373	3,786	3,764	0.6
Recycled Paperboard	759	691	779	7,234	7,401	-2.2
TOTAL PAPERBOARD	3,236	3,100	3,193	32,121	31,885	0.7
TOTAL PAPER AND PAPERBOARD	6,605	6,267	6,437	63,943	63,896	0.1
WOOD PULP (ALL GRADES)						
	SEPTEMBER 1989	AUGUST 1989	SEPTEMBER 1988	FIRST 9 MONTHS 1989	MONTHS 1988	% Change 89/88
Dissolving & Special Alpha	135	108	135	1,076	1,030	4.5
Bleached Sulfite)	144	136	124	1,190	1,153	3.2
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,166	2,359	2,121	20,435	19,656	4.0
Unbleached Sulfate	1,760	1,827	1,800	16,288	16,274	0.1
Semichemical	361	359	359	3,283	3,253	0.9
Groundwood & Thermomechanical	505	511	473	4,474	4,457	0.4
TOTAL PULP DIVISION DATA	5,070	5,301	5,012	46,746	45,822	2.0

(s) - Shipments
P - Preliminary

November 30, 1989

	Full Year		INDUSTRY DATA 1988 - 1989			Ann. Rate Year - To - Date	% From Same Pd. Last Year
	1987	1988	R	P	1989		
PAPER AND PAPERBOARD -- Tons (000)	1987	1988	August	September	October	1989	
Total Production (API).....: excluding i...	74,317	76,403	6,613	6,267	6,605	76,732	0.1
Total Seasonally Adjusted.....: construction...			6,356	6,281	6,484	76,544	0.1
Imports (including Products).....: and wet i..E	12,528	12,788	1,210	1,061	1,179	12,979	1.0
Exports (including Products).....: machine i..E	5,197	5,559	560	525	585	6,369	14.7
Apparent Consumption.....: grades i...	81,648 a	83,631 b	7,007	6,817	7,078	83,341 c	-0.5
Paper Production & Tonnage Capacity.....	94.4 g	95.3	93.2	92.4	94.5	92.6	-
Paperboard Production & Tonnage Capacity.....	95.7 g	95.0	94.3	91.0	92.2	94.0	-
IMPORTS.....: Including Construction and i...	12,837	13,110	927	1,227	1,074	13,050	-1.2
EXPORTS.....: WMB Grades (excl. HPB) i...	5,304	5,691	488	563	528	6,333	10.3
MARKET WOOD PULP PRODUCTION - Tons (000).....	8,114	8,565	761	757	719	8,867	* 3.2
TOTAL WOOD PULP PRODUCTION - Tons (000).....	59,552	61,161	5,399	5,301	5,070	62,328	2.0
WOOD PULP IMPORTS - TONS (000).....	4,850	5,038	358	471	428	5,037	0.4
WOOD PULP EXPORTS - TONS (000).....	4,889	5,528	540	534	548	6,398	16.6
RAW MATERIALS CONSUMPTION - Tons (000)							
..PAPER AND BOARD MILLS : excluding :			July	August	September		
Wood Pulp.....: consumption for.....	59,475	60,847	5,207	5,239	4,997	61,402	1.1
Waste Paper.....: construction & i.....	17,993	18,860	1,579	1,650	1,590	19,343	0.9
TOTAL.....: WMB grades i.....	77,468	79,707	6,786	6,888	6,587	80,446	1.1
PULPWOOD CONSUMPTION Cords(000)Amer.Pulpwd. Assn	93,946	95,497	8,548	8,498	8,167	98,769	3.6
EMPLOYMENT (000)			August	September	October		
Paper and Allied Products.....:Total.....	680.1	692.6	704.0	698.6	699.1	697.1	0.8
Pulp, Paper and Board Mills.....:Total.....E	244.9	245.5	251.2	247.3	246.1	247.1	0.6
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (\$)			August	September	October		
Paper and Allied Products.....	11.43	11.66	11.90	11.99	11.97	11.89	2.3
Pulp, Paper Mills.....:E	14.01	14.31	14.64	14.81	14.88	14.66	2.7
Paperboard Mills.....:E	14.30	14.49	14.76	14.96	14.89	14.68	1.5
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS (Rept. by US Dept. of Com., Ann. Rates, Bill. \$)*	9.01	11.36	14.39	14.87	16.03	15.50 Y	36.4
INDEX OF OUTPUT PER MAN-HOUR (1977=100).....			August	September	October		
..IN PULP, PAPER :...Production Workers.....	145.0	148.7	148.5	145.8	151.1	149.7	0.5
..AND BOARD MILLS :...All Employees.....	141.8	146.1	144.7	142.7	147.3	146.2	-0.1
PAPER AND ALLIED PRODUCTS (Million \$)			July	August	September		
Industry Shipments (Dept. of Commerce)*.....	118,855	127,718	10,846	10,885	10,857	130,609	2.8
Pulp, Paper and Paperboard*.....	51,518	57,177	4,870	4,792	4,774	58,291	2.2
Inventories (End of Period) - Total Industry*..	11,284	12,065	12,483	12,572	12,597	12,597	7.0
Pulp, Paper and Paperboard*.....	4,266	4,325	4,804	4,874	4,923	4,923	17.6
Sales (Corporations Only).....	95,576	107,221 RS	26,990	27,281	28,534	111,630	5.6
Earnings (Corporations Only).....	5,520	8,081 RS	1,911	1,979	2,022	8,002	1.5
Depreciation (Corporations Only).....	4,279	4,625 RS	1,167	1,187	1,231	4,836	5.4
Net Worth (Corporations Only).....	39,217	42,940 RS	42,940	44,093	45,242	45,242	8.6
PRICE INDEXES (Bureau of Labor Stats)1982=100			August	September	October		
Pulp, Paper & Products, ex. Building Grades....	114.3	124.7	132.9	132.9	133.6	132.3	6.7
Wood Pulp.....	111.6	136.7	159.5	159.5	160.8	156.9	16.2
Waste Paper.....	181.4	183.5	157.3	160.1	158.3	158.1	-15.7
Paper.....	111.5	123.2	129.6	129.1	128.6	130.0	6.3
Paperboard.....	118.1	133.2	140.3	140.3	140.0	140.3	5.9
PAPER DEMAND (INDEXED: 1977=100)			August	September	October		
Total Paper Production *.....	133.4	138.2	137.4	136.5	142.4	137.4	-0.6
Paper New Supply *.....	140.2	144.3	145.8	140.1	148.4	141.8	-1.9
Demand Indicators - (Weighted Average) *.....	154.5	163.7	176.1	176.7	176.7	174.6	7.1
Production of Nondurable Goods *...:(21.2%)	136.8	143.9	150.9	150.8	151.0	149.8	4.6
Disposable Income *...:(23.9%)	130.0	134.9	141.5	141.4	141.7	140.3	4.3
Total Printing and Publishing *...:(54.9%)	172.0	183.8	200.9	202.1	201.9	199.1	8.8
Trend Factor			Not Available				
PAPERBOARD DEMAND (INDEXED: 1977=100)			August	September	October		
Total Paperboard Production *.....	129.2	131.6	131.9	129.7	132.4	132.9	0.8
Production for Domestic Use	126.1	129.0	129.6	128.1	128.7	130.1	0.7
Demand Indicators - (Weighted Average) *.....	125.9	132.5	137.4	137.3	136.6	136.9	3.8
Production of Consumer Goods *...:(62.06%)	127.7	133.9	139.1	138.9	138.5	138.9	4.3
Production of Equipment *...:(5.75%)	148.8	158.2	166.5	166.5	162.7	164.3	4.1
Production of Materials *...:(32.19%)	118.3	125.3	128.9	128.9	128.2	128.1	2.8
Trend Factor			Not Available				
NEWSPRINT MARKETS			July	August	September		
Consumption by Publishers - Tons (000).....	13,583	13,597	1,053	1,105	1,139	13,269	-0.5
Newspaper Pub. and Printing Empl. Total(000)...	471	475	477	477	476	477	0.6
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (PIB, Inc.).....	164,771	170,717	10,492	11,116	17,021	167,843	3.5
WHOLESALESALES AND INVENTORIES (Million \$)							
Total Paper & Pap. Prdcts., ex Wallpaper..Sales	44,741	52,377	4,507	5,116	4,729	55,793	* 8.0
Inventories (End of Period).....	3,850	4,436	4,647	4,477	4,403	4,403	3.9
FIBRE BOX DATA (Fibre Box Association)			August	September	October		
Fibre Box Shipments (Million square feet).....	297,827	308,507	27,718	25,363	28,961	316,637	1.5
Container'bd Inventory at Mill & Plant(000Tons)...	2,486	2,553	2,664	2,643	2,461	2,461	-2.3
RETAIL TRADE (Billion \$)			August	September	October		
Total Retail Sales *.....	1,511	1,612	144.9	145.9	144.5	1,709	6.7
Nondurable Goods Stores Sales *.....	950	998	89.0	90.0	90.1	1,058	6.7
GENERAL ECONOMIC DATA			August	September	October		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1977 = 100)*..	129.8	137.2	142.4	142.4	141.4	141.5	3.6
PRODUCER PRICES(ALL COMMODITIES)(INDEX 1982=100)...	102.8	106.9	112.0	112.3	112.7	112.1	5.2
CONSUMER PRICES (ALL ITEMS) (INDEX 1982=100)....	113.6	118.3	124.6	125.0	125.6	123.6	4.9
TOTAL CONSUMER CREDIT OUTSTANDING - (Billion \$)...	618.2	671.4	699.0	706.1	708.8	708.8	8.8
GROSS NATIONAL PRODUCT - ANNUAL RATE (Billions)...			1989 Q1	1989 Q2	1989 Q3		
G.N.P. or Expenditure - Current \$.....	4,524	4,881	5,017	5,113	5,202	5,198	7.5
G.N.P. or Expenditure - 1982 \$.....	3,854	4,024	4,069	4,107	4,133	4,133	3.1

lb/capita
 PapiPapbd Othr Total Popul(mill)
 .a - 659 + 17 = 686 243.9
 .b - 679 + 17 = 696 246.3
 .c - 670 + 17 = 687 248.8
 .E - Last month estimated by API

f - Wood Pulp Production excludes def., explo. & scrags.
 g - Adjusted for holiday shutdowns
 h - First 3 quarters, annual rate
 Q - Quarter

R - Revised
 Y - Full year estim. by
 U.S. Dept. of Com.
 RS - Revised Series
 * - Seasonally Adjusted.